

File ACT/037/022

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/84
to Month/Year 1/85

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Hecla Mining Company MINE NAME: Small Fry Mine

ADDRESS: P.O. Box 320
Wallace, Idaho 83873

PERMIT NUMBER AND DATE OF PERMIT: ACT/037/022, January 15, 1980

REPRESENTATIVE: Colleen D. Kelley

SECTION(S): 33, 3, 26 TOWNSHIP(S): 29S, 30S, 29½S RANGE(S): 24E, 24E, 24E

MINERAL(S) MINED: Uranium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: N/A

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: N/A

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

Disturbance

Acreage

Pit
Roads
Facilities
Waste Dumps
Other

No acreage disturbed in 1984 as mine is on standby status.

(b) Tabulation of acreage affected to date (by years).

Date by Year

Acreage (Total)

1975
1976
1977
1978
1979
1980
1981
1982
1983

Ranchers mined and stockpiled ore from underground workings from 1975 through 1978. Total acreage disturbed was approximately 6 acres.

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

No topsoil has been stockpiled.

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
Acreage of Area	_____			
Depth of Topsoil Removal (inches)	_____			
Depth of Topsoil Replacement (inches)*	_____			
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)	_____			
Volume Actually Salvaged (yd ³ or ac ft)	_____			
Volume Required for Reclamation (yd ³ or ac ft)	_____			
Surplus or Deficit Volume (yd ³ or ac ft)	_____			
Storage Status (short- or long-term)	_____			

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
No disturbance during 1984		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	Uranium	16,043 tons stockpiled
(Milled)		during 1975-1978

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.
None

2. Roads.
None

3. Diversion ditches, collector ditches, interceptor ditches, etc.
None

4. Culverts.
None

5. Sediment ponds, containment ponds.
None

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).
None

7. Topsoil stockpiles.
None

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
N/A

2. Subsidence.
Unknown

3. Accidental water discharge, dam failure, etc.
None

4. Slumping, sliding or erosion.
Unknown

5. Revegetation problem areas.
Unknown

6. Existence and location of unsuitable (toxic) overburden.
N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

No reclamation was conducted in 1984. Mine is on standby status.

Reclamation is periodically conducted on drill sites as drilling is completed.

2. Topsoiled areas.

Area

Acreage

No area has been topsoiled.

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
No areas have been seeded.	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
None	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	No reclamation has been conducted.
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	

(c) Description of the reclamation procedures used during the report period, including: None

1. Average depth of topsoil applied.

2. Type of seed (species) used for seeding during the report period.

3. Date of seeding during the report period.

Spring _____

Fall _____

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

6. Type and rate of fertilizer applied.

7. Type and rate of mulch applied.

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

Revegetation test plot was never established.

10. Soil analysis results.

Very little topsoil at the site. Soil has a pH of 7.6.

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.) Unknown

1. Types (species) of seed that have germinated and are growing.

2. Types (species) of seed that are not growing successfully.

3. Areas experiencing problems with weeds and weed types.

4. Significant erosional problems.

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.

6. Procedures used or proposed to correct these problems.

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>

8. Results of soil analysis.

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

No reclamation was conducted during 1984.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading		
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	<u>\$19,990</u>	<u>Reclamation</u> Contract and Corporate Guarantee	<u>10/24/79</u>

Increased disturbance, if any:

None

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
N/A		

ADDITIONAL INFORMATION:

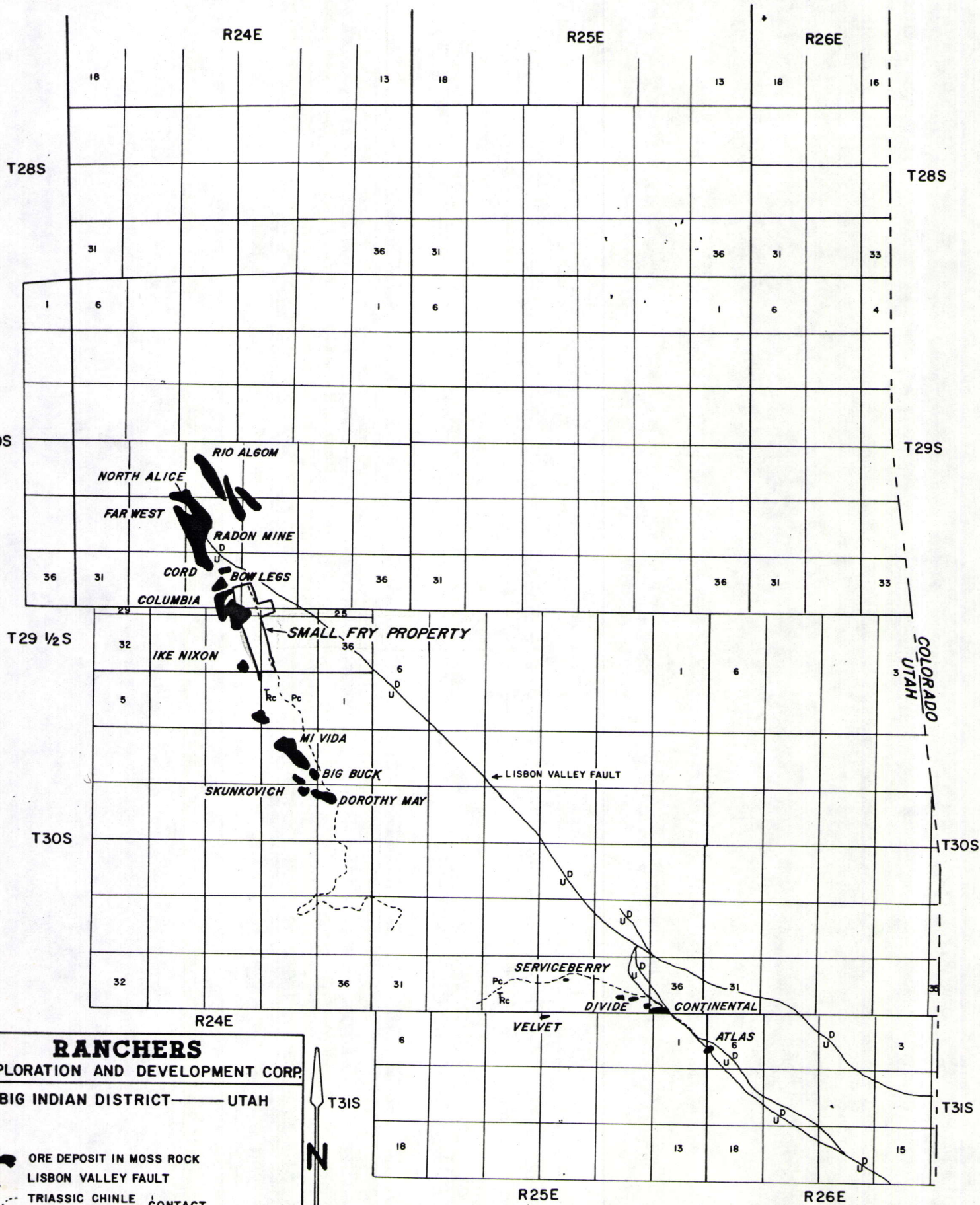
Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
(b) Other special conditions (status).

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
3. Maps must have a title block with:
 - A. Map title.
 - B. Name and address of permittee.
 - C. Permit and amendment numbers.
 - D. Annual report period.
 - E. Scale, north arrow, contour interval, date of photography, etc.
4. All maps must show:
 - A. Legal subdivisions.
 - B. Permit area boundary clearly shown and labelled.
 - C. Amendment areas clearly shown and labelled.
 - D. Contour features.
5. The following features should all be clearly identified:
 - A. Topsoil stockpiles (numbered and with volumes).
 - B. Settling ponds and sediment control structures.
 - C. Haul roads.
 - D. Pits identified by location, name, number, etc.
 - E. Ramps (numbered).
 - F. Out-of-pit spoil dumps.
 - G. All waste disposal sites including, but not limited to:
 1. Landfill sites.
 2. Carbonaceous waste dumps.
 - H. Diversion ditches.
 - I. Monitoring sites.
6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.





Hecla Mining Company

File ACT/037/022
Copy to PAM

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February 26, 1985

RECEIVED

FEB 27 1985

**DIVISION OF OIL
GAS & MINING**

Ms. Pamela Grubaugh-Littig
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Grubaugh-Littig:

Hecla Mining Company recently acquired the Small Fry Mine through merger with Ranchers Exploration and Development Corporation. We have answered your Annual Operations and Progress Report questionnaire to the best of our ability by referencing the files. However, since we are unfamiliar with the history of the property and since the property has been on standby status for several years, some of the requested information is unknown to us. We plan to visit the site to inspect site conditions during 1985. In addition, we have determined that a topographic map of the surface facilities has never been prepared. We are therefore enclosing a property map in its place. Hecla Mining Company is currently evaluating disposal of the property. Please call me at 208-752-1251 if you should have any questions.

Sincerely,

Colleen D Kelley
Colleen D. Kelley
Environmental Supervisor

CDK/jr